

Title (en)

Trash rack with non-metallic reinforcing rods

Title (de)

Sieb für Müll mit nichtmetallischen verstärkenden Stangen.

Title (fr)

Crible pour déchets pourvu de barres d'armature non métallique

Publication

EP 0908214 A2 19990414 (EN)

Application

EP 98308134 A 19981006

Priority

US 94428397 A 19971006

Abstract (en)

A trash rack for filtering large volumes of intake water generally of the type available to power-generating facilities. The trash rack includes reinforcing rods fabricated of non-metallic materials in a pultrusion fabrication process. The pultruded reinforcing rods are substantially lighter than prior steel reinforcing rods. The pultruded rods are flexible enough to give under impact and high-loading without fracture or permanent distortion, yet are strong enough to withstand the type of loading commonly experienced by such large-volume trash racks. <IMAGE>

IPC 1-7

B01D 29/44; **E02B 8/02**; **B07B 1/46**

IPC 8 full level

B01D 29/05 (2006.01); **B07B 1/46** (2006.01); **E02B 5/08** (2006.01)

CPC (source: EP US)

B01D 29/05 (2013.01 - EP US); **B01D 29/445** (2013.01 - EP US); **B07B 1/4609** (2013.01 - EP US); **E02B 5/085** (2013.01 - EP US)

Cited by

DE102008048612B4; DE102019131166A1; NL1019861C2; DE10052715A1; CN106457080A; RU2664836C2; WO2021099018A1; WO03063584A1; WO0234357A1; EP2166158A1; DE102008048612A1; US10258907B2; WO2015165816A1

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